

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	19	approx\$10 near3 cell near3 geometry	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/23 16:50
S2	8	("20020077103"   "20020082017"   "5669061"   "6212390").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 10:02
S3	98	dvb adj t adj network	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 10:35
S4	13	ax\$4 near3 cell near3 geometry	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 10:36
S5	104	(cell near3 geometry) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 13:20
S6	692	(cell near3 shape) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 13:45
S7	104	(cell near3 geometry) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 13:20
S8	25	((cell near3 geometry) and "370"/\$.ccls.) not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 13:31
S9	80	((alter\$4 or chang\$4 or determin\$4) near3 cell near3 shape) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 14:55
S10	660	455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 14:56
S11	767	(circular or circle) near2 parameter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 14:58
S12	11	S11 with cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 14:56
S13	349	parameter with coverage with (cell or (base adj station))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 14:58
S14	1405490	circular or circle or ellipse	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 14:58
S15	9	S13 same S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 15:06
S16	106	(S13 and S14) not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/24 15:47

<b>S17</b>	<b>656</b>	<b>transmi\$8 near5 (ax\$4) near5 (cell or coverage)</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT</b>	<b>OR</b>	<b>ON</b>	<b>2006/05/24 15:49</b>
<b>S18</b>	<b>178</b>	<b>transmi\$8 near2 (ax\$4) near2 (cell or coverage)</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT</b>	<b>OR</b>	<b>ON</b>	<b>2006/05/24 15:58</b>
<b>S19</b>	<b>15</b>	<b>S17 and ("455"/\$.ccls. or "370"/\$.ccls.)</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT</b>	<b>OR</b>	<b>ON</b>	<b>2006/05/24 15:56</b>
<b>S20</b>	<b>60</b>	<b>((ax\$4) near2 (cell or coverage)) and ("455"/\$. ccls. or "370"/\$.ccls.)) not S19</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT</b>	<b>OR</b>	<b>ON</b>	<b>2006/05/24 16:00</b>

**9/22/2008 10:18:29 PM**

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	33	(axis or center) near2 cell near2 coverage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:38
S2	1	("2003/0017829").URPN.	USPAT	OR	ON	2007/03/16 16:13
S3	10	("20020077154"   "20020193139"   "5390339"   "5924037"   "5970411"   "6097708"   "6101176"   "6366790"   "6477379").PN. OR ("6853845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 16:15
S4	111	((network adj information adj table) or NIT) same DVB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:23
S5	31	((network adj information adj table) or NIT) near3 (conver\$6 or transcod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:22
S6	122	((network adj information adj table) or NIT) with (conver\$6 or transcod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:22
S7	91	S6 not S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:22
S8	3	((network adj information adj table) or NIT) same (cell near2 coverage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:24
S9	9	((network adj information adj table) or NIT) and (cell near2 coverage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:24
S10	66	rectangular near2 cell near2 data	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:45
S12	176	coordinate near2 cell near2 data	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/16 16:46
S13	8	("20020077103"   "20020082017"   "5669061"   "6212390"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:07
S14	362	(dvb or (digital adj video adj broadcast\$4)) near2 ((service adj information) or SI)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:55
S15	60	("4667202"   "5293640"   "5293642").PN. OR ("5465390").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:21
S16	5128	cell near2 coverage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:30

S17	1	S14 same S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:40
S18	6	S14 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:40
S19	12	(dvh or (digital adj video adj broadcast\$4)) same S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:42
S20	8	S19 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:42
S21	43	((dvh or (digital adj video adj broadcast\$4)) and S16) not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:45
S22	18	(dvh or (digital adj video adj broadcast\$4)) near5 (hand\$5off or hand\$4over or (hand\$4 adj (off or over)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 10:46
S23	2	((latitude or longitude) near4 extent) and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:04
S24	6	((latitude or longitude)) and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:05
S25	72	(extent) and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:05
S26	10130	DVB or DVB\$T or (digital adj video adj broadcast\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:30
S27	11313	(latitude or longitude or coordinate or dimension \$5) near2 (extent or corner)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:09
S28	17	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:09
S29	71	S26 and (rectang\$5 near2 (cell or coverage or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:23
S30	68	S29 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:16
S31	123407	cell near2 (coverage or area or shape or size or geograph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:21
S32	334	(S26 and S31) not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:28
S33	40	(S26 same S31) not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:22

S34	100	((broadcast\$4 adj system) and (rectang\$5 near2 (cell or coverage or area))) not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:28
S35	52128	hand\$4off or hand\$4over or (hand\$4 adj off) or (hand \$4 adj over)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:27
S36	7	S34 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:27
S37	294	S32 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:29
S38	5	S32 not S33	EPO; JPO; DERWENT	OR	ON	2007/03/22 11:29
S39	109	S32 not S33	USPAT	OR	ON	2007/03/22 11:29
S40	99	(enhanc\$4 or actual or circ \$5) near2 cell near2 coverage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:31
S41	2	S26 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:34
S42	151	(rectang\$6 same circ\$6 same coverage) and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:35
S43	25	(rectang\$6 same circ\$6 same coverage) and (cell near2 coverage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:35
S44	1	("2003/0017829").URPN.	USPAT	OR	ON	2007/03/22 11:37
S45	10	("20020077154"   "20020193139"   "5390339"   "5924037"   "5970411"   "6097708"   "6101176"   "6366790"   "6477379").PN. OR ("6853845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:38
S46	55	(coverage near area) same S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/22 11:41

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3602	(select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (shape or hexagon\$4 or circle or circular or square or rectang\$6 or ellip\$6 or contour or construction or form or structure or body or physique or pattern outline) near10 (radius or radii or center or axis or focal or focus or latitude or longitude or coordinate or axial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 15:33
S2	904	455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 15:34
S3	19	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 15:34
S4	1	(conver\$6 or transcod\$4) near10 (rectangular or rectangl\$5 or square) near10 (coordinate or latitude or longitude) near10 (polar or circle or circular) near10 (cell or (coverage near2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 16:18
S5	29	(rectangular or rectangl\$5 or square) near10 (coordinate or latitude or longitude) near10 (polar or circle or circular) near10 (cell or (coverage near2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 16:19
S6	6	dvb\$t adj( si or (service adj information))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 16:21
S7	6	dvb\$t adj( si or (service adj information))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 16:21
S8	841	dvb\$3 same (si or (service adj information))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 16:23
S9	5	(rectangular or rectangl\$5 or square or coordinate or latitude or longitude) same S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/16 16:23
S10	4566	(select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:10

S11	904	455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:10
S12	45	S11 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:10
S13	28	("5070536"   "5271000"   "5373548"   "5384791"   "5386589"   "5448616"   "5463673"   "5483669"   "5539803"   "5551058"   "5768689"   "5802473"   "5805667"   "5870666"   "5878328"   "5884163"   "5924029"   "5926762"   "5991901").PN. OR ("6148194").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/17 09:15
S14	10176	(select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:21
S15	32	("20010004604"   "20020027891"   "20020061755"   "20020107021"   "20030003918"   "20030114169"   "20030176196"   "5276907"   "5455967"   "5463673"   "5940743"   "6128500"   "6181917"   "6327471"   "6456652"   "6493561").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:26
S16	40	S11 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:33
S17	44	((select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (contour or boundar\$4)) and S11) not (S12 or S16)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:40
S18	12	((estimat\$6 or approximat \$9) near10 (cell or (coverage near2 area)) near10 (contour or boundar \$4 or shap\$4 or form or pattern or outline)) and S11) not (S12 or S16 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:51
S19	81	((select\$6 or choos\$4 or chosen or determin\$6 or estimat\$6 or approx\$10) near10 (cell or (coverage near2 area)) near10 (contour or boundar\$4 or shap\$4 or form or pattern or outline or configuration or construction or size)) and S11) not (S12 or S16 or S17 or S18)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:54

S20	1	((select\$6 or choos\$4 or chosen or determin\$6 or estimat\$6 or approx\$10) near10 (cell or (coverage near2 area)) near10 (geometr\$10)) and S11) not (S12 or S16 or S17 or S18 or S19)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:55
S21	1	"5864764".pn. and geometr \$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 09:56
S22	692	S11 not (S12 S13 S15 S16 S17 S18 S19 S20 S21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/17 10:25
S23	16467	(network adj information adj (table or storage or data \$base)) or NIT	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:33
S24	9078	(cell or (coverage near2 (zone or area))) near6 (latitude or longitude or coordinate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:34
S25	2	S23 same S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:34
S26	23	S23 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:35
S27	4571	(select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S28	904	455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S29	45	S28 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S30	28	("5070536"   "5271000"   "5373548"   "5384791"   "5386589"   "5448616"   "5463673"   "5483669"   "5539803"   "5551058"   "5768689"   "5802473"   "5805667"   "5870666"   "5878328"   "5884163"   "5924029"   "5926762"   "5991901").PN. OR ("6148194").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/18 08:39
S31	10188	(select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39



S32	32	("20010004604"   "20020027891"   "20020061755"   "20020107021"   "20030003918"   "20030114169"   "20030176196"   "5276907"   "5455967"   "5463673"   "5940743"   "6128500"   "6181917"   "6327471"   "6456652"   "6493561").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S33	40	S28 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S34	44	((select\$6 or choos\$4 or chosen or determin\$6) near10 (cell or (coverage near2 area)) near10 (contour or boundar\$4)) and S28) not (S29 or S33)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S35	12	((estimat\$6 or approximat \$9) near10 (cell or (coverage near2 area)) near10 (contour or boundar \$4 or shap\$4 or form or pattern or outline)) and S28) not (S29 or S33 S34)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S36	81	((select\$6 or choos\$4 or chosen or determin\$6 or estimat\$6 or approx\$10) near10 (cell or (coverage near2 area)) near10 (contour or boundar\$4 or shap\$4 or form or pattern or outline or configuration or construction or size)) and S28) not (S29 or S33 or S34 or S35)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S37	1	((select\$6 or choos\$4 or chosen or determin\$6 or estimat\$6 or approx\$10) near10 (cell or (coverage near2 area)) near10 (geometr\$10)) and S28) not (S29 or S33 or S34 or S35 or S36)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S38	1	"5864764".pn. and geometr \$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S39	692	S28 not (S29 S30 S32 S33 S34 S35 S36 S37 S38)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S40	21	S24 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:39
S41	12	(geometr\$7 near6 shap\$4) same S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:42

S42	96	johan.in. near3 rune.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:44
S43	7758	(cell or (coverage near2 (zone or area))) near6 (latitute or longitude or X \$Y)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:48
S44	19481	(cell or (coverage near2 (zone or area))) near6 (latitut\$8 or longitud\$8 or X \$Y)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:48
S45	2709	S44 same (geometr\$9 or shap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:49
S46	16	S45 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 08:49
S47	2	("2002/0082017").URPN.	USPAT	OR	ON	2008/09/18 08:53
S48	7	S45 and "370"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 09:03
S49	5	S45 and "343"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 09:05
S50	11	S45 and "342"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 09:05
S51	37	(polar or radian or circular) near10 (cartesian or rectang \$6) near10 S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 09:10
S52	157	(polar or radian or circular) same (cartesian or rectang \$6 or latitud\$6 or longitud \$6) same S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 09:24
S53	120	S52 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 09:24
S54	265	(coverage near2 (area or zone or region)) near5 (latitud\$6 or longitud\$6 or x \$y or cartesian\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:27
S55	390	(coverage near2 (area or zone or region)) near10 (latitud\$6 or longitud\$6 or x \$y or cartesian\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:28
S56	44	S55 same (geometr\$10 or shape\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:28
S57	37	(estimat\$6 or approx\$18) near4 (geometr\$6 or shape \$1) near5 (coverage near2 (area or zone or region))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:32
S58	18	S55 same (polar or circular or radian)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:39

S59	332	S55 not (S56 S57 S58)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:40
S60	82	S59 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:41
S61	7	(cell near5 foot\$print\$6) near5 (latitud\$6 or longitud \$6 or x\$y or cartesian\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:43
S62	34	(estimat\$6 or approx\$18) near4 (cell near5 foot\$print \$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:44
S63	988	(estimat\$6 or approx\$18) near4 (geometr\$6 or shape \$1) near5 (cell or (coverage near2 (area or zone or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:46
S64	1690	(estimat\$6 or approx\$18) near8 (geometr\$6 or shape \$1) near8 (cell or (coverage near2 (area or zone or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:46
S65	125	S64 near8 (position\$4 or locat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 10:46
S66	684	((geometr\$6 or shape\$1) near8 (cell or (coverage near2 (area or zone or region)))) near8 (conver\$6 or transcod\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:09
S67	1879344	((geometr\$6 or shape\$1) near8 (cell or (coverage near2 (area or zone or region)))) near8 (conver\$6 or transcod\$6) nera8 (coordinate or rectang\$10 or polar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:09
S68	2869	((geometr\$6 or shape\$1) near8 (cell or (coverage near2 (area or zone or region)))) near8 (conver\$6 or transcod\$6) nera8 (rectang\$10 near6 polar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:10
S70	2	(cell or (coverage near2 (area or zone or region))) near8 center near8 (radius or radii) near8 latitud\$6 near8 longitud\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:11
S71	638	(cell or (coverage near2 (area or zone or region))) near8 (center or (radius or radii) near8 (latitud\$6 or longitud\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:14
S72	1	(cell or (coverage near2 (area or zone or region))) near8 (center near8 (radius or radii) near8 (latitud\$6 or longitud\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:14

S73	65	(cell or (coverage near2 (area or zone or region))) near8 ((radius or radii)) near8 (latitud\$6 or longitud \$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/18 11:15
S74	904	455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:01
S75	35	S74 and rectangle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:01
S76	50	(estimat\$6 or approximat \$6) near5 contour near5 (cell or (coverage near3 (area or region or zone)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:08
S77	12	charles.in. near2 bernardin. in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:24
S78	2	"20060205406".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:44
S79	19	spherical adj rectangle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:45
S80	714	(estimat\$6 or approximat \$6) near5 shape near5 (cell or (coverage near3 (area or region or zone)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:53
S81	37	S80 same ellip\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:53
S82	80	S80 and ("455"/\$.ccls. or "370"/\$.ccls. or "343"/\$.ccls. or "342"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:55
S83	1959309	cell or (coverage near2 (zone or area or region))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:40
S84	2732	(extent or extension or limit or boundar\$4) near4 ellip \$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:41
S85	63	S83 same S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:41
S86	2	S84 and 455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:50
S87	701	((([axis or axial) near4 ellip \$7) same S83) not S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:57
S88	1985554	cell or ((service or coverage) near2 (zone or area or region))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:57
S89	714	((([axis or axial) near4 ellip \$7) same S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:57
S90	3	S89 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:58

S91	10113	(cell or ((service or coverage) near2 (zone or area or region))) near4 geometr\$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:59
S92	106	(cell or ((service or coverage) near2 (zone or area or region))) near4 geometr\$10 near4 (estimat\$6 or approximat\$6 or raw or coarse or rough)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:59
S93	25	S92 and ellip\$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 13:59
S94	81	S92 not S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:01
S95	196	(cell or ((service or coverage) near2 (zone or area or region))) near4 lay\$out\$10 near4 (estimat\$6 or approximat\$6 or raw or coarse or rough)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:02
S96	10	S95 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:04
S97	12	("5883889"   "5966661"   "5983106"   "6006095"   "6041236"   "6052583").PN. OR ("6173186").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 14:06
S98	2	S95 not S96 and "370"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:09
S99	184	S95 not (S96 S98)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:10
S100	904	455/446.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:11
S101	3	455/446.ccls.	EPO; JPO; DERWENT	OR	ON	2008/09/22 14:11
S102	579	455/446.ccls.	USPAT	OR	ON	2008/09/22 14:11
S103	322	455/446.ccls.	US-PGPUB	OR	ON	2008/09/22 14:12
S104	40	455/446.ccls. and ellip\$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:14
S105	2	"20040090363".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:16
S106	4998	major near5 minor near5 (axis or axial) near5 ellip\$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:19
S107	5880	major near5 minor near5 (axis or axial) near5 (ellip\$10 or oval)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:20

S108	171	S107 and ("455"/\$.ccls. or "370"/\$.ccls. or "342"/\$.ccls. or "343"/\$.ccls. or "379"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:20
S109	110	major near5 minor near5 (axis or axial) near5 (ellip \$10 or oval) same (cell or ((service or coverage) near2 (zone or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 14:21
S110	298	(ellip\$10 or oval\$4) near10 (large or big) near10 (small) near10 (circle or circular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:05
S111	2	S110 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:05
S112	2	"6356700".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:10
S113	199	(large or big) near10 (small) near10 (circle or circular) same (cell or ((service or coverage) near2 (zone or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:12
S114	2	"6292193".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:23
S115	4	(circular near3 parameter) near4 (cell or ((coverage or service) near2 (area or zone or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:46
S116	23933	(parameter) near4 (cell or ((coverage or service) near2 (area or zone or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:46
S117	5	(parameter) near4 (cell or ((coverage or service) near2 (area or zone or region))) near4 circle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:46
S118	3153	(cell or ((coverage or service) near2 (area or zone or region))) near8 (rectang \$6 or square or latitud\$8 or longitud\$10) near8 (circular or radius or radii or circle or ellip\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 15:48
S119	107	S118 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:05
S120	10	("20020077154"   "20020193139"   "5390339"   "5924037"   "5970411"   "6097708"   "6101176"   "6366790"   "6477379").PN. OR ("6853845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 16:09

S121	2993	((coverage or service) near2 (area or zone or region)) and ((rectang\$6 or square or latitud\$8 or longitud \$10) near8 (circular or radius or radii or circle or ellip\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:14
S122	43	((coverage or service) near2 (area or zone or region)) and ((rectang\$6 or square or latitud\$8 or longitud \$10) near8 (circular or radius or radii or circle or ellip\$9) near8 (conver\$9 or transcod\$5 or replac\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:15
S123	75	((coverage or service) near2 (area or zone or region)) and ((estim\$6 or approx \$10 or raw or rough or coars\$4) near6 (circle or circular or hexagon or oval \$4 or ellip\$8) near6 (square or rectang\$8 or pixel or latitud\$6 or longitud\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:20
S124	223	((coverage or service) near2 (area or zone or region)) and ((estim\$6 or approx \$10 or raw or rough or coars\$4) near6 (circle or circular or hexagon or oval \$4 or ellip\$8 or radii or radius or centroid or center) near6 (square or rectang\$8 or pixel or latitud \$6 or longitud\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:20
S125	148	S124 not S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:20
S126	2	((coverage or service) near2 (area or zone or region)) same (cartesian\$4 near8 polar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:31
S127	3113	((coverage or service) near2 (area or zone or region)) same (boundar\$6 or contour)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:35
S128	47	((coverage or service) near2 (area or zone or region)) same (boundar\$6 or contour) same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:37
S129	7	((coverage or service) near2 (area or zone or region)) near2 (estim\$4 or approximat\$6) near2 shap \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:38
S130	2521	(estim\$4 or approximat \$6) near6 (circle or circular or radii or radius or center or centroid or polar) near6 (rectangle or rectangular or cartesian)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:40

S131	16	S130 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:40
S132	16	((circle or circular or radii or radius or center or centroid or polar) near6 (rectangle or rectangular or cartesian)) and 455/446. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 16:42
S133	7	(diameter near5 ellip\$6) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 17:12
S134	38	(major near5 minor near5 ellip\$6) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 17:13
S135	2	"20030083073".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 18:40
S136	2	"6253146".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 18:41
S137	2	"5017925".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 18:44
S138	34	concentric near4 coverage near3 area	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 18:46
S139	2	"5513246".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 18:50
S140	1	"20030017829".pn. and circle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/22 20:00

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